	U.S. Patent and	Trademark Office; U.S. DEPARTMENT OF COMMERCE
Inder the Paperwork Reduction Act of 1995, no persons are requ	uired to respond to a collection	of information unless it displays a valid OMB control number.
	Attorney Docket No.	CTW-025

UTILITY	First In	ventor	Katsuyasu Ito	atsuyasu Ito RGER WITH IMPROVED			
PATENT APPLICATION TRANSMITTAL	Title		HARGER WITH PROTECTION	RGER WITH IMPROVED			
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	s Mail Label No.	EV 309 881 7	60 US	4 U.S.		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con	ntents.	ADDRESS T	F.O. BOX 143	er for Patents	222		
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 12] (preferred arrangement set forth below))	8. Nucleotide an (if applicable, a. Comput. Nucleotide an (if applicable, a. Comput. Comput. Nucleotide an (if applicable, a. Comput. Comput. Nucleotide an Comput. Nucleotide and Comp	nent Papers (cover shad a 3.73(b) Statement here is an assignee) Translation Documention Disclosure hat (IDS)/SB08 hary Amendment Receipt Postcard (MP be specifically itemized Copy of Priority Document of Priority is claimed)	y (CRF) on: 2 copies); or ii. Pa y of above copies LICATION PARTS eet & document(s)) Power of Attorney t (if applicable) X Copies of IDS Citations	per		
see 37 CFR 1.63(d)(2) and 1.33(b). 6. X Application Data Sheet. See 37 CFR 1.76		17. Applicar	nt must attach form P1	FO/SB/35 or its equivalent.			
18. If a CONTINUING APPLICATION, check appropriate box, a specification following the title, or in an Application Data Sheet to Continuation Divisional Continuation- Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire under Box 5b, is considered a part of the disclosure of the accorreference. The incorporation can only be relied upon when a po	in-part (C disclosur mpanying ortion has	CFR 1.76: CIP) of prior applic re of the prior applic g continuation or div	ation No.: Art Unit: ation, from which an olisional application an omitted from the subm	oath or declaration is supplied is hereby incorporated by	d		
	RESPO						
X Customer Number: 00959		OR	Correspond	lence address below			
Name LAHIVE & COCKFIELD, LLP Anthony A. Laurentano							
Address 28 State Street							
City Boston State	е	MA	Zip Code	02109			
Country US Tele	phone	(617) 227-740	00 Fax	(617) 742-4214			
Name (Print/Type) Anthony A Laurentano Signature	Some	Registration N	lo. (Attorney/Agent) Date	38,220 October 14, 2003			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 309 881 760 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 14, 2003

Signature:

(Anthony A. Laurentano)

FEE TRANSMITTAL			Complete if Known					
			Application Number			NEW APPLICATION		
for FY 2004		Filing Date			Concurrently Herewith			
			First Named Inventor Kats			Katsuyas	atsuyasu Ito	
Effective 10/01/2003, Patent fees are subject to annual revision.		Exami	iner Na	ame		Not Yet A	Assigned	
Applicant claims small entity status. See 37 CFR 1.27		Art Un	it			N/A		
TOTAL AMOUNT OF PAYMENT (\$) 810.00		Attorn	ey Doo	cket No	Э.	CTW-02	5	
METHOD OF PAYMENT (check all that apply)				FEE	CALCU	LATION (co	ontinued)	
Check Credit Money Other None	3 8	DDITIO	DNAL	FFFS				
X Deposit Account:	Large	Entity	Small	Entity	_			
Account 12-0080 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)	_	Fee Desc	cription	Fee Paid
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge	- late filing fe	ee or oath	
Name	1052	50	2052	25		- late provisi	onal filing fee or cover	
The Director is authorized to: (check all that apply)	4050	400	4050	400	sheet.			
X Charge fee(s) indicated below X Credit any overpayments Charge any additional fee(s) during the pendency of this	1053	130	1053	130	•	sh specificatio		
application	1812	2,520	1812	2,520	-		parte reexamination	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Examiner	g publication of action	•	
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requestin Examiner	g publication of	of SIR after	
FEE CALCULATION	1251	110	2251	55		for reply within	n first month	
1. BASIC FILING FEE	1252	420	2252	210			n second month	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253	950	2253	475		for reply within		<u> </u>
Code (\$) Code (\$)	1254	1,480	2254	740	Extension	for reply withi	n fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255			for reply within	n fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of A	•		
1003 530 2003 265 Plant filing fee 1004 770 2004 385 Reissue filing fee	1402 1403	330 290	2402 2403		-	ef in support or or oral hearing	111	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		-	_	lic use proceeding	
CURTOTAL (4) (f) 770.00	1452	110	2452	55		revive – unav	• •	
SUBTOTAL (1) (\$) 770.00	1453	1,330	2453	665	Petition to	revive - uninte	entional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue	e fee (or reiss	ue)	
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design iss	ue fee		
Total Claims 13 -20** = X = 0.00	1503	640	2503		Plant issue			
Claims 2 -3** =x =0.00	1460	130	1460	130		the Commis		
Multiple Dependent	1807	50	1807	50	Processing	g fee under 37	CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180			on Disclosure Stmt	
Fee Fee Fee Fee Fee Fee Description	8021	40	8021	40		eacn patent a imes number (ssignment per of properties)	40.00
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a su (37 CFR 1		final rejection	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each a	idditional inve		
1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims	1801	770	2801			(37CFR 1.129 or Continued E	(b)) examination (RCE)	
over original patent	1802	900	1802	900	Request fo	r expedited ex	` '	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		ļ			of a design	application		
Cultivitée (opcour)					40.00			
SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 *To number previously paid, if greater, For Reissues, see above						40.00		
SUBMITTED BY				· · · · · ·		(Complete	(if applicable))	
Name (Print/Type) Anthony & Laurentano		ration No. ey/Agent)	38,	220		1	(617) 227-7400	
Signature Date October 14, 2003)3				
The second secon								

I hereby certify that this correspondence is being	g deposited with the U.S. F	Postal Service as Exp	oress Mail, Airbill No. E	V 309 881 760
US, in an envelope addressed to: MS Patent A	pplication, Commissioner f	or Patents, P.O. Box	1450, Alexandria, VA	22313-1450, on
the date shown below.	1. 11	1		

Dated: October 14, 2003

Signature: And Sunny Survey (Anthony A. Laurentano)